AMENDMENTS TO THE CLAIMS

1. (Currently amended) A control (10, 40) for a machine for the manufacture of paper padding, wherein the machine comprises a drive motor having a cutting device and a shaping device to form a piece of padding from a paper web and to cut it off in a desired length, comprising

an input means (18) to input a desired length of padding;

a control unit (10, 40) having a memory to control the drive motor in response to the input means (18),

wherein an activation of the input means (18) starts the drive motor and a deactivation of the input means triggers a cutting procedure and stops the drive motor so that the time period of the activation of the input means corresponds to the length of padding produced, and

wherein the control unit (10, 40) automatically stores ~~the~~ said length of padding produced in the memory on deactivation of the input means (18) and makes it available for a further call up such that the length of padding just produced can automatically be reproduced on request.

2. (Previously presented) A control in accordance with claim 1, wherein the stored length of padding can be called up by an actuation, in particular a brief actuation, of the input means (18) or of a further input means from the memory, with the manufacture of at least one further piece of padding being triggered automatically in the called up length on the call up of the length of padding.

3. (Previously presented) A control in accordance with claim 1, wherein the input means is an individual switch or push button (18); and wherein an input pad (45) is provided in

addition to the switch or push button (18) with which desired lengths of padding can be input into the control and/or can be called up out of the control, with the manufacture of at least one piece of padding being triggered automatically in the called up length on the call up of a length of padding.

4. (Previously presented) A control in accordance with claim 3, wherein it permits a directly sequential call up of a respective length of padding with the switch or the push button (18), on the one hand, and with the input pad (45), on the other hand, without a further input means of the control having to be actuated between these two call ups.

5. (Previously presented) A control in accordance with claim 3, wherein at least one additional switch or push button (22 - 26; 91 - 93; 46 - 50) is provided on whose actuation a standard length of padding stored in the memory is called up, with the manufacture of at least one piece of padding being triggered automatically in the called up length on the call up of the length of padding.

6. (Previously presented) A control in accordance with claim 1, wherein a display device (90) is provided; and wherein, when the control is switched on for the first time, a standard length of padding stored in the memory is displayed which can be called up by a further input means (95, 46), with the manufacture of at least one piece of padding being triggered automatically in the called up length on the call up of the length of padding.

7. (Previously presented) A control in accordance with claim 1, wherein it has a mode in which a combination of the desired number and of the desired length of the pieces of padding to be produced can be at least one of stored and called up.

8. (Previously presented) A control in accordance with claim 1, wherein an input means (22 - 26; 30; 45) is provided with which a continuous manufacture of pieces of padding in the stored length of padding can be activated.

9. (Previously presented) A control in accordance with claim 3, wherein the individual switch or push button (18), the input pad (48) and an input means for the activation of a continuous manufacture (30) are input means of equal priority for the call up of a length of padding, with the manufacture of at least one piece of padding being triggered automatically in the desired length on the call up of the length of padding.

10. (Previously presented) A control in accordance with claim 1, wherein a selection switch (20) is provided with which a plurality of memory locations can be selected in the memory in which a produced length of padding can be stored automatically, with the associated stored length of padding being produced in dependence on the position of the selection switch (20), in particular on the activation of the input means (18).

11. (Previously presented) A control in accordance with claim 10, wherein a further input means (22 - 26) is respectively associated with the plurality of memory locations to call up a length of padding stored at the respective memory location, with the manufacture of at least

one piece of padding being automatically triggered in the called up length on the call up of the length of padding.

12. (Previously presented) A control in accordance with claim 1, wherein a sensor is connected to it which detects the forthcoming end of the paper web; and wherein the control generates a signal in response to the sensor which in particular interrupts a further operation of the machine at least temporarily.

13. (Previously presented) A control in accordance with claim 1, wherein it has a connector for an electromagnetic coupling of an auxiliary unit, with the control controlling the drive motor differently in dependence on whether the electromagnetic coupling is connected, with the control preferably automatically recognizing whether an electromagnetic coupling is connected.

14. (Previously presented) A machine for the manufacture of paper padding, comprising:

a drive motor having a cutting device and a shaping device to shape a piece of padding from a paper web and to cut it off in a desired length; and

a control comprising:

an input means (18) to input a desired length of padding;

a control unit (10, 40) having a memory to control the drive motor in response to the input means (18),

wherein an activation of the input means (18) starts the drive motor and a deactivation of the input means triggers a cutting procedure and stops the drive motor so that the time period of the activation of the input means corresponds to the length of padding produced, and

wherein the control unit (10, 40) automatically stores the length of padding produced in the memory on deactivation of the input means (18) and makes it available for a further call up.

15. (Previously presented) A machine in accordance with claim 14, wherein the control is made as a separate operating part which is connected to the machine via a cable, wherein a holder is in particular provided at the machine for the releasable installation of the control.

16. (Previously presented) A machine in accordance with claim 14, wherein a bus system is provided for the transmission of the control signals from the control to the machine.